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ARS-44-85

Dairy-Herd-Improvement Letter

(Vol. 36, No. 9)

September 1960

DHIA LACTATION AVERAGES 1956-1957

For many years there has been a widespread demand for information on Dairy-Herd-Improvement Association lactation averages by breed, by State.

Until the sire-proving system of handling and processing DHIA lactation records in the Branch was converted to Electronic Data Processing Machine procedures it was not practical to assemble and compile such data.

During the operation of the new EDPM sire-proving procedures in July, DHIA lactation records for 1956 and 1957 calving dates were selected from the master-tape file and compiled as an auxillary operation.

In future operations of the EDPM sire-proving system lactation records for subsequent years 1958 and 1959 will be selected and tabulated. Thereafter the tabulations will be compiled annually to provide current data on lactation averages.

On the following pages are tabulations of DHIA 305-day lactation records with 1956 and 1957 calving dates, grouped by breed by State. These tabulations include records received from the various States by the Dairy Cattle Research Branch, Animal Husbandry Research Division, Agricultural Research Service, as a part of the National Cooperative Dairy-Herd-Improvement Program. All lactations were standardized to a mature-equivalent, twice-a-day milking basis.

Issued October 1960

305-DAY STANDARDIZED LACTATION AVERAGES BY CALVING YEAR AND STATE

ALL BREEDS

	1956 CALVING YEAR		1957 CALVING YEAR
STATE REGISTERED			
NO. MILK FAT REC. LBS LBS	NON-PEGISTERED NO. MILK FAT NO. REC. LBS LBS RE	ALL REGISTERED . MILK FAT NO. MILK FAT EC. LBS LBS RIC. LBS LBS	NON-REGISTERED ALL NO. MILK FAT NO. MILK FAT REC. LBS LBS REC. LBS LBS
MAINE 11 4478 10527 441	452 9884 401 41	728 10400 434 3318 10954 453	1169 10291 415 4187 10769 443
N.H. 12 3680 10195 418		132 10161 416 2294 10677 440	344 10171 413 2638 10611 436
VT. 13 7910 9940 427		170 9740 417 5155 10569 453	1524 9529 408 6679 10332 443
MASS. 14 6603 10636 446	3 1 1 2 7 9 7 5 3 5 1 0	940 10603 440 4252 11090 459	1158 10531 420 5410 10962 451
R.I. 15 1018 9626 432		021 9635 432 604 10802 461	3 10587 379 607 10001 460
CONN. 16 6633 10632 447		985 10718 444 4241 10981 464	1887 11600 448 6128 11171 459
N.Y• 21 49458 11390 437	1213 11467 429 73	557 11292 429 27469 11594 444	6329 11066 411 33798 11495 438
N.J. 22 6561 10824 445		774 10925 443 4462 11304 461	1200 11826 447 5662 11415 458
PA. 23 35407 10617 427		039 10537 420 37459 10646 429	83 9134 345 37542 10643 428
OHIO 31 18412 10263 418	533 11722 442 91	524 10359 419 11905 10236 423	2260 11136 423 14165 19380 423
IND, 32 9188 10647 447		721 10706 446 6074 10614 444	522 11522 441 6596 10686 444
ILL, 33 14075 11368 452		592 11449 448 10272 11235 451	6576 11489 433 16848 11334 444
MICH. 34 13173 11213 438	10112 11112 419 253	174 11211 437 9258 11440 446	441 11590 435 9699 11447 445
WIS. 35 15114 11090 425		226 11099 423 9543 11790 452	5319 11513 434 14967 11691 446
MINN. 41 11734 11021 428		560 11074 414 6451 10905 425	18091 11082 407 24542 11035 412
IOWA 42 11098 11278 446	2538 9935 409 66	011 11305 436 - 6597 11294 447	7285 11436 432 13882 11368 439
MO, 43 4069 9730 416		607 9809 413 - 2749 9685 418	1705 10263 416 4453 9907 417
N.DAK. 45 571 10131 387		650 10853 402 - 410 10971 417	759 11421 412 1169 11263 414
S.DAK. 46 526 11809 453	716 11577 441 21	615 12025 456 342 11537 448	75 12430 443 417 11698 449
MEBR. 47 1996 11455 459		712 11487 454 1232 10871 438	632 10776 405 1864 10839 427
KANS. 48 5614 10980 439		496 11230 439 3566 10769 432	2964 10998 418 6530 10873 426
DEL. 50 1279 10025 405	7405 10460 409 18	405 9827 396 729 10543 429	266 9768 400 995 10336 421
MD. 51 10743 10415 427		148 10434 420 7229 10763 439	3970 10716 416 11198 10746 430
VA. 52 8424 10530 438		458 10507 421 5563 10662 443	7481 10739 417 13044 10706 429
W.VA. 54 2005 9752 397	2907 10306 392 82	575 9704 389 1185 9944 404	761 10069 391 1946 2993 399
N.C. 55 5356 9612 404		263 9856 399 3939 9765 408	1768 10040 387 5707 9830 402
S.C. 56 1969 8856 400		007 8876 409 1422 8323 396	44 10574 441 1466 3391 397
GR. 57 1410 8792 387	730 9019 412 31	580 9159 383 1291 8669 377	724 9447 366 2015 8948 373
FLA. 58 3032 7759 361		762 8004 371 2219 7702 348	423 8716 392 2642 7865 355
KY. 61 2396 9375 402		910 9660 404 1591 9504 402	649 10744 402 2249 9863 402
TENN. 63 2014 8085 391	830 7260 296 22	049 8130 392 1323 8086 390	50 12524 499 1373 1248 394
ALA. 64 1449 7707 352		279 7544 332 1333 7038 325	556 6917 289 1619 6006 313
MISS. 65 1273 7491 355		457 7602 356 320 7387 347	71 8717 377 891 7403 349
ARK. 71 445 7467 372	100 7172 311 9	450 7475 371 240 7440 365	240 7440 365
LA. 72 805 6781 321		905 6825 320 472 6381 305	63 8529 327 535 6634 307
OKLA. 73 1280 9502 399		551 9789 403 983 9493 395	293 11317 413 1176 9947 400
TEXAS 74 2942 8899 410	284 11659 420 7	825 9034 403 2121 8541 400	605 10481 404 2726 3771 400
MONT. 81 506 9854 428		790 10503 425 390 10600 441	347 11770 426 737 11151 434
IDAHO 82 3227 10150 436		149 10399 437 2250 10747 452	763 11665 449 3022 10979 451
WYO. 83 121 12917 468 COLO. 84 1547 10658 426 N.MEX. 85 686 9812 434	268 10426 410 18	219 12112 435 112 11882 424 815 10624 424 926 10509 419 764 9813 436 326 9168 416	94 10954 391
ARIZ. 86 559 10839 430	2291 11178 415 45	134 11907 457 468 10980 417	718 11686 429 1186 11407 424
UTAH 87 2295 10725 431		586 10951 423 1349 10891 436	2214 11242 421 7563 11109 427
NEV. 88 119 9382 509		119 9382 509 94 9453 482	1 14350 515 755 9504 482
WASH. 91 6192 10821 475	5075 10311 441 94	382 11151 473 4063 11095 482	5150 11600 476 9213 11377 479
OREG. 92 4397 9383 456		472 9880 448 3411 9644 462	4872 10624 448 8283 10220 454
CALIF. 93 2599 11710 501		541 11952 495 1333 11821 510	380 12945 493 1743 12066 506
HAWAII 95 32 11956 401 ALASKA 96 5 11320 414	5 11534 367 5 13046 501	37 11899 399 10 11502 357 10 12183 458	1 16170 505
			92692 11020 +22 297009 10929 +32

305-08Y STANDAROIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE, 1956-1957

AYRSHIRE

	1956 CALVING YEAR		957 CALVING YEAR
STATE REGISTEREO		L REGISTERED	NOH-REGISTERED ALL
COOE NO. MILK FAT		ILK FAT No. MILK FAT	NO. MILK FAT NO. MILK FAT
REC. LBS LRS		LBS LBS REG. LBS LBS	REC. LBS LBS REC. LBS LBS
MAINE 11 413 9621 391		596 390 239 9999 404	25 8991 363 264 9904 400
N.H. 12 509 9043 370		051 370 295 9631 395	10 9218 367 305 9617 394
VT. 13 1092 9486 385		411 382 613 9860 403	53 9625 382 666 9842 402
MRSS. 14 901 10119 421	250 103	009 416 431 10404 431	43 · 9363 395 534 10321 428
R.I. 15 250 10334 427		334 427 154 10524 435	154 10524 435
CONN. 16 747 9784 406		784 406 434 9740 400	26 9665 384 436 9736 399
M.V. 21 3822 9503 388	4 9593 384 111 90	444 385 1324 9744 397	103 9004 367 1927 9704 396
M.J. 22 107 9235 385		248 385 31 10595 434	4 8323 333 35 10336 422
PA. 23 2028 9340 389		296 387 1739 9206 384	1739 9206 384
OHIO 31 1248 9620 386	343 94	608 385 738 9679 391	26 9613 389 764 9677 391
IND. 32 343 9440 374		440 374 229 9315 367	220 9315 367
ILL. 33 342 8681 361		678 360 271 8779 369	5 10322 400 276 3807 379
MICH. 34 317 9484 389 WIS. 35 233 8589 350 WINH. 41 318 8922 361	7 10197 428 240 80	511 389	3 10750 388 169 10125 418 2 12785 425 111 9222 377 51 8756 338 287 8935 359
10WA 42 491 9381 378 MO. 43 7 10141 433 N.DAK. 45 4 4890 195	2 11440 453 9 104	332 376 232 9132 369 430 438 9 8123 327 484 220	31 10107 410 313 9229 373 1 7720 403 10 8083 335
S.DAK. 46 68 9095 359	7 7851 324 15 81	066 358 37 9441 351	37 9441 381
NEBR. 47 8 9626 376		798 352 9 8829 381	20 8177 346 29 8379 357
KANS. 48 878 9388 387		398 387 528 9204 396	69 8928 370 597 9172 384
DEL. 50 185 8902 362	18 8622 364 203 98		5 8452 328 105 3840 350
MD. 51 989 9594 395	150 8965 369 1139 98		73 9884 405 583 9995 412
VA. 52 150 8173 329	43 9336 386 193 84		47 8894 359 112 8285 331
W.VA. 54 177 9059 371	3 9523 384 283 93	857 363 61 9561 393	6 7457 286 67 9373 384
N.C. 55 280 9366 372		368 372 147 9827 391	15 8433 348 162 9698 397
S.C. 56 75 8314 333		314 333 47 8155 339	47 8155 339
GA. 57 83 7498 290	14 10444 453 80 85	516 292 34 7164 285	5 8976 353 39 7397 294
FLA. 58 66 8181 317		577 341 102 8343 324	7 9053 397 109 8389 329
EV. 61 7 8641 337		515 338 4 7965 306	5 9846 383 9 9010 349
TENN. 63		11 9299 363	11 9299 363
ALA. 64 20 5838 232		104 239 26 5714 236	3 5843 222 29 572 7 234
MISS. 65 31 7796 314		796 314 11 8581 341	11 8581 341
APK. 71 LA. 72 OKLA. 73 200 9175 372	200 9	2 7775 302 175 372 -98 8793 357	2 7775 302 98 8793 357
TEXAS 74 103 8516 331	28 9°	520 330 39 8564 334	1 11080 439 40 8627 337
MONT, 81 28 9788 397		788 397 9 9403 397	9 9403 397
IOAHO 82 62 10102 392		046 390 26 10688 424	3 8977 377 29 10511 419
WYO. 83 COLO. 84 173 9907 412 H.MEX. 85	173 99	907 412 71 9266 385 1 9090 382	3 9763 426 74 9286 386 1 9090 332
ARIZ. 86 48 9405 355 UTAH 87 1 8090 283 NEV. 88		405 355 45 9950 389 555-418 3 8287 335	1 14810 591 46 10056 393 7 10896 444 16 10113 411
WASH. 91 178 9986 406	57 9339 388 92 90	911 408 105 10019 413	36 9711 418 141 9940 414
OREG. 92 35 9454 396		383 391 16 10045 415	82 8702 352 98 8921 362
CALIF. 93 230 11834 491		425 470 139 11322 474	24 9253 350 163 11017 456
HAWAII 95 ALASKA 96			
U.S. AVG 17247 9468 387	1605 9010 365 18852 9	429 385 10067 9560 392	795 9207 373 10862 9534 391

305-OAY STANDAROIZED LACTATION AVERAGES BY BREED, 8Y CALVING YEAR, 8Y STATE, 1956-1957

GUERNSEY

			1956 CAL	VING YEAR					1957 CAL	VING YEAR		
STATE COOE		ISTEREO MILK FAT LBS L8S	NON-RE No. REC.	GISTEREO MILK FAT L8S LBS	NO. REC.	MILK FAT L85 LBS	REG No. REC.	ISTEREO MILK FAT L8S LBS	NON-RE NO. REC.	GISTEREO MILK FAT L8S L8S	No. REC.	ALL MILK FAT L8S L8S
MAINE 11	587	8251 400	200	7880 388	1069	8182 397	499	8351 406	171	8199 394	670	8313 403
N.H. 12		8220 383	64	8167 379	651	8215 382	339	8517 395	61	8144 372	400	8460 391
VT. 13		8218 392	262	7617 359	1143	8080 384	507	8518 408	154	7857 372	661	8364 409
MASS. 14 R.I. 15 CONN. 16	273	8563 414 8921 432 8827 421	168 255	8195 382 8489 400	1575 273 2446	8524 411 8921 432 8792 419	829 148 1427	8902 429 9287 450 9216 443	170 330	8336 399 8830 417	999 148 1757	8806 424 9287 450 9143 439
N.Y. 21	1914	8484 408	2071	8522 397	7353	8495 405	3089	8818 424	545	6425 388	3634	8759 419
N.J. 22		8579 416	116	8299 389	2030	8563 414	1274	8898 435	124	8532 397	1398	8866 432
PA. 23		8211 399	1915	7827 368	10563	8141 393	9363	8086 393	19	7039 311	9382	8084 393
OHIO 31	3322	8447 397	196	8649 395	3996	8457 397	2480	8581 405	191	7932 370	2671	3534 402
INO. 32		8888 434	63	8727 401	3385	8885 433	2036	8877 433	54	8891 422	2090	8878 432
ILL. 33		8878 428	459	8688 397	2788	8847 423	1756	8835 428	478	8613 399	2234	8787 422
MICH. 34	2106	8583 419	136	8247 394	2228	8562 417	1429	8756 428	43	8886 431	1472	8760 428
WIS. 35		8160 391	1622	8229 391	3728	8190 391	1199	8490 409	754	8474 402	1953	8484 406
MINN. 41		8159 397	3089	7859 377	4903	7970 384	1003	8183 398	1685	7916 375	2693	8016 383
IOWA 42	897	8626 421	1792	8206 390	3269	8396 404	945	8722 423	1026	8223 391	1973	8462 406
MO. 43		8129 400	454	7853 379	1351	8036 393	659	8575 423	294	8460 409	952	8539 419
N.OAK. 45		7612 375	48	7769 369	87	7699 372	30	8295 402	36	8062 369	66	8168 384
S.OAK. 46 NEBR. 47 KANS. 48	507	8070 378 8989 445 8145 417	96 273	8699 425 8185 397	51 603 931	8070 378 8943 442 8157 411	32 315 355	7998 378 8617 425 81 <i>3</i> 2 414	1 56 186	5590 232 8556 406 8091 396	33 371 541	7925 374 8608 422 8118 408
DEL. 50	2887	7628 366	373	7936 374	759	7779 370	234	8206 399	98	8481 396	332	8287 398
MO. 51		8314 408	1389	8041 379	4276	8226 398	1380	8549 419	568	7952 376	2446	8410 409
VA. 52		8294 407	1979	9007 378	5219	8185 396	2117	8477 417	1064	6101 380	3181	8351 405
W.VA. 54	1798	7711 379	216	7936 364	496	7809 372	175	7837 385	124	8209 366	299	7991 377
N.C. 55		8055 390	343	7613 355	2141	7985 385	1519	8165 396	230	7463 345	1749	9073 389
S.C. 56		7833 371	11	7894 379	926	7834 371	963	8154 392	9	8691 395	972	8159 392
GA. 57	1599	7769 376	195	7931 357	406	7846 367	251	7222 350	8 ₁	7210 332	1332	7219 346
FLA. 58		7121 325	247	8666 393	1846	7328 334	1082	6900 317	73	8025 368	1155	6971 329
KY. 61		7855 376	28	7569 341	297	7828 373	295	7762 374	1 ₃	7571 338	308	7754 372
TENH. 63	128	8371 406	5	8790 400	253	8379 406	269	8134 401	6	9252 445	275	8159 402
ALA. 64		7835 368	109	6244 277	307	7270 336	196	7295 338	55	6518 290	251	7124 327
MISS. 65		7586 354	15	8440 397	508	7611 355	393	7365 343	6	7553 345	399	7-368 343
ARK. 71 LA. 72 OKLA. 73	1 22 249 255	7033 328 6512 312 7793 370	1 18 23	8200 298 6021 281 8486 384	123 267 278	7042 328 6479 310 7850 371	66 135 228	7163 336 6148 289 7956 374	8 7	6941 320 7203 325	66 143 235	7163 336 6192 291 7934 372
TEXAS 74	86	7671 355	54	8067 376	327	7736 359	324	7658 359	39	8521 375	363	7750 361
MONT. 81		8683 444	10	7370 326	96	8547 431	45	9237 466	9	7979 379	54	9027 452
IOAHO 82		8761 420	151	8688 416	1049	8750 420	553	9074 433	108	8855 415	666	9038 439
WYO. 83	229	8575 399	7	7783 343	9	7959 355	2	9135 431	3	7983 419	5	8444 423
COLO. 84		8428 402	73	8135 381	302	8357 397	1 34	8184 394	13	8325 407	147	8196 396
N.MEX. 85		9279 432	60	9243 435	406	9274 432	1 36	8860 415	9	7791 394	145	8794 414
ARIZ. 86 UTAH 87 NEV. 88		8928 409 8406 400	30 121	9876 453 7682 3 56	250 541	9042 414 8244 390	151 264 36	9274 416 8262 392 8950 418	61 112	8454 392 7816 363	212 376 36	9038 409 8129 383 8950 418
WASH. 91	1166	9187 458	1725	9123 438	3416	9154 448	1179	9241 463	1010	9168 442	2189	9207 453
OREG. 92		8691 429	1128	8872 421	2294	8780 425	999	8910 441	988	9113 430	1987	9010 436
CALIF. 93		9183 457	124	9688 465	971	9247 458	459	9483 472	36	8334 414	495	9399 468
HAWAII 95 ALASKA 96	1	6470 329			1	6470 329						
U.S. AVG	60473	8394 406	21714	8224 389	82187	8349 401	43303	8456 410	11110	8353 394	54918	8435 407

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE, 1956-1957

HOLSTEIN

	1956 CALVING YEAR		1	957 CALVING YEAR	
STATE REGISTERED	NOM-REGISTERED	ALL	REGISTERED	HON-REGISTERED	ALL
CODE NO. MILK FAT	No. MILK FAT	NO. MILK FAT	NO. MILK FAT	HO. MILK FAT	NO. MIŁK FAT
REC. LBS LBS	REC. L8S L8S	REC. LBS LBS	REC. LBS LBS	REC. LBS LBS	REC. LBS LBS
MAINE 11 2228 12651 480	809 11008 418	3037 12213 463	1651 12859 484	794 11317 426	2445 12358 465
N.H. 12 1928 11808 442	297 10773 407	2225 11670 437	1219 12322 465	222 11366 434	1441 12175 460
VT. 13 3040 12201 449	1083 10598 390	4123 11780 433	2226 12751 473	732 10978 410	2958 12313 458
MASS. 14 2805 12705 466	961 11259 420	3766 12336 455	2065 12841 475	836 11331 426	2901 12406 461
R.I. 15 160 13256 478	2 14660 531	162 13273 478	138 13583 504	3 10587 379	191 13535 502
CONN. 16 2563 13138 481	1009 12000 443	3572 12817 470	1703 13526 502	1442 12415 456	3145 13017 481
N.Y. 21 35332 12445 450	18996 11653 417	54328 12168 439	19563 12628 457	5295 11584 416	24858 12405 449
N.J. 22 3611 12475 464	1063 11862 434	4674 12336 457	2618 12829 476	1043 12285 453	3661 12674 4 69
PA. 23 21974 11988 444	9752 11059 411	31726 11703 434	23861 12038 449	63 9854 358	23924 12032 449
OHIO 31 7907 12336 434	1634 12002 434	9541 12279 434	4966 12313 439	1780 11920 430	6746 12210 437
IND. 32 3761 13184 477	436 12367 451	4197 13099 474	2646 12927 473	430 12146 449	3076 12818 470
ILL. 33 8447 12753 470	4729 12105 442	13176 12520 460	6162 12625 471	5819 11832 436	11981 12240 454
MICH. 34 8693 12524 452	775 11958 433	9468 12478 450	6307 12701.461	368 12104 4 37	6675 12668 459
WIS. 35 10910 12043 438	8035 11859 428	18945 11965 434	7293 12661 463	4288 12240 442	11586 12505 455
MINN. 41 7618 12360 445	24375 11661 413	31993 11827 421	4052 12305 444	15568 11570 412	19620 11721 418
IOWA 42 5944 13105 473	9189 12206 436	15133 12559 451	3543 13094 475	5777 12237 441	9325 12563 454
MO. 43 1729 12052 441	1518 11264 420	3247 11684 431	1125 11773 433	1142 11225 421	2267 11497 427
N.DAK. 45 333 11162 403	978 11524 414	1311 11432 411	259 11801 426	702 11649 414	960 11690 418
S.OAK. 46 321 13232 479	76 13677 473	397 13318 478	197 12960 469	69 12530 446	266 12848 463
MEBR. 47 1145 13281 483	591 12209 446	1736 12916 470	688 12601 462	535 11205 408	1223 11991 438
KANS. 48 2998 12957 476	3338 12078 445	6336 12494 460	2029 12461 463	2564 11421 424	4593 11881 441
DEL. 50 632 12046 439	704 10555 394	1336 11260 415	356 12755 468	151 10765 407	507 12162 450
MD. 51 5625 12242 452	5622 11176 418	11247 11709 435	4100 12395 460	3210 11289 422	7310 11910 443
VA. 52 4209 12720 465	8573 11188 415	12782 11692 432	2323 12803 470	6120 11319 425	8946 11788 439
M.VA. 54 1078 11390 413	1103 10518 386	2181 10949 399	569 11461 414	552 10844 398	1221 11182 407
N.C. 55 2073 12069 428	2345 10953 400	4418 11477 413	1655 11978 429	1355 10783 398	3010 11440 415
S.C. 56 354 11791 419	15 11219 434	369 11768 419	63 11557 422	23 11567 457	86 11560 431
GA. 57 386 12156 432	695 10813 390	1081 11293 405	423 11761 421	528 10141 371	951 10862 393
FLA. 58 190 11778 431	114 11001 420	304 11486 427	259 10661 380	112 10140 381	371 10504 381
KV. 61 994 11627 417	422 11721 423	1416 11655 419	709 11574 421	575 11137 407	1284 11378 415
TENN. 63 264 11444 409	22 11916 454	286 11481 412	164 11683 420	39 13608 516	203 12053 439
ALA. 64 265 10013 339	317 8893 315	582 9403 326	143 9047 312	189 8289 301	332 8615 305
MISS. 65 70 11077 397	65 10504 387	135 10801 392	58 11162 411	23 11737 438	81 11325 419
ARK. 71 .19 11757 429 LA. 72 86 9793 349 OKLA. 73 378 12679 448	3 8283 301 38 8729 321 216 11905 429	22 11283 412 124 9467 340 594 12397 441	5 12770 455 46 8989 314 290 12316 436	41 9857 343 263 11726 418	5 12770 455 87 9398 328 553 12036 427
TEXAS 74 558 12733 455	486 11290 411	1044 12061 434	352 12335 450	412 11745 423	764 12017 436
MONT. 81 159 12810 454	262 11993 424	421 12302 435	138 13577 477	318 12108 428	456 12552 443
IDAHO 82 1175 13196 471	645 12509 455	1820 12952 465	943 13652 488	577 12646 458	1525 13272 477
WYO. 83 117 13009 468 COLO. 84 740 12569 449 N.MEX. 85 156 13024 454	91 11375 397 174 11748 431 10 12718 462	208 12294 437 914 12413 446 166 13005 454	106 12075 427 479 12229 436 65 12584 440	90 11094 391 63 12124 439	196 11625 410 542 12217 436 65 12584 440
ARIZ. 86 227 13862 471 UTAH 87 1325 12697 459 NEV. 88 5 15328 520	540 13146 487 1953 11756 422	767 13358 482 3278 12136 437 5 15328 520	238 12669 423 785 12991 469 2 14285 496	603 12178 436 1855 11888 429 1 14350 515	841 12317 432 2640 12216 441 3 14307 502
WASH. 91 2374 13739 496	4865 13013 484	7239 13251 488	1607 14153 510	3292 12993 488	4899 13374 495
OREG. 92 694 12648 454	2320 12277 452	3014 12363 453	544 13132 475	2451 12310 457	2995 12459 460
CALIF. 93 1067 14458 532	747 13439 489	1814 14038 515	504 15135 556	305 13934 512	809 14682 539
HAWAII 95 31 12133 403 RLASKA 96 5 11320 414	5 11534 387 1 12560 412	36 12050 401 6 11527 414	10 11502 357	1 16170 505	11 11926 370
U.S. AVG 158703 12443 453	121999 11675 424	280702 12109 440	111916 12518 459	72621 11746 428	184537 12214 447

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BM STATE, 1956-1957

JERSEY

		1956 CALVING YEAR			1957 CALVING YEAR	
STATE CODE	REGISTEREO NO. MILK FO REC. LBS L	IT NO. MILK FAT	ALL NO. MILK FAT REC. LBS LBS	REGISTERED No. MILK FAT REC. LBS LBS	NON-REGISTERED NO. MILK FAT REC. LBS LBS	ALL No. MILK FAT REC. LBS LBS
MAINE 11	859 8000 43	9 60 8032 428	1069 7992 416	567 8317 434	174 7868 398	741 8212 426
N.H. 12	566 8082 43		626 8077 429	376 8402 450	43 7465 390	419 8306 444
VT. 13	2695 8118 43		3500 7971 422	1639 8585 460	550 8025 417	2239 8448 449
MASS. 14 R.I. 15 CONN. 16	1159 8458 49 329 7905 4 895 8594 49	4 1 9070 544	1271 8385 444 330 7909 414 934 8565 449	560 8880 470 103 8513 446 535 8348 442	100 8253 419 70 8716 448	760 8798 463 103 8513 446 605 8391 443
N.Y. 21	3416 7721 40	7 12 8558 421	4771 7784 406	2131 7718 407	307 7761 389	2438 7724 404
N.J. 22	541 8514 45		553 8515 456	287 8762 467	13 8603 430	300 8756 466
PA. 23	2168 7753 4		2902 7653 404	2941 7603 402	1 3550 202	2042 7601 402
OHIO 31	4008 7976 4	7 24 7559 368	4215 7973 412	2682 7845 408	213 7678 403	2895 78 33 408
INO. 32	1202 7983 4		1226 7974 416	846 7785 405	33 7852 376	879 7787 404
ILL. 33	1241 7911 4		1401 7921 411	847 7861 408	119 8079 415	966 788 7 409
MICH. 34	1309 7741 4	6 250 7074 367	1351 7750 411	323 7531 400	18 8108 409	841 7543 400
WIS. 35	643 7494 3		893 7376 388	395 7755 416	172 7598 400	567 7707 411
MINN. 41	870 7730 4		1701 7607 400	565 7547 397	479 7567 394	1044 7556 395
IOWA 42 MO. 43 N.OAK. 45	1220 7761 40 1088 7557 40 7 8054 43	11 521 7917 402	1722 7727 406 1609 7673 402 7 8054 438	659 7868 414 722 7532 398	270 7882 410 236 7899 403	929 7872 41 3 9 5 8 762 2 39 9
5.0AK. 46 NEBR. 47 KANS. 48	17 6608 3 118 8409 4 500 7620 4	2 15 7957 427	18 6703 379 133 8358 441 612 7650 405	14 6787 387 65 8306 436 308 7365 396	10 8469 441 77 6984 3 48	14 6787 387 75 8327 437 385 7288 387
DEL. 50	65 7508 40	3 188 7893 394	87 7502 398	35 8208 433	6 6903 3 61	41 8017 422
MO. 51	1015 7394 39		1203 7472 393	562 7356 388	85 7856 400	647 7422 389
VA. 52	703 8391 44		1114 8240 433	446 8226 434	235 7900 401	681 8113 422
W.VA. 54	433 7434 38	3 204 7397 356	647 7361 383	249 7518 398	71 7584 399	320 7533 398
N.C. 55	1157 7788 39		1361 7729 388	585 7685 390	133 7318 351	718 7617 383
S.C. 56	563 8403 43		565 8400 434	304 7884 407	3 9897 502	307 7903 408
GA. 57	722 7437 3	2 350 8547 421	981 7496 374	575 7090 361	102 7575 366	677 7163 362
FLA. 58	1134 7903 40		1484 8055 407	752 7701 385	230 8235 405	982 7826 389
KY. 61	1026 7652 3		1083 7639 397	510 7637 395	53 7381 35 9	563 7613 392
TENN. 63	1498 7441 33	5 381 6214 286	1504 7444 385	877 7373 381	5 7994 430	882 7376 382
ALA. 64	962 7086 35		1343 6839 336	689 6608 329	295 6134 282	984 6466 315
MISS. 65	667 7005 35		771 7008 352	355 6725 340	41 7158 347	396 6769 341
ARK. 71 LA. 72 OKLA. 73	296 7336 36 454 6288 33 352 7481 38	0 43 6290 314	297 7338 386 497 6288 320 377 7502 387	160 7260 373 299 6065 310 195 7399 385	14 5546 285 21 7511 383	160 7260 373 303 6041 309 216 7410 384
TEXAS 74	1882 7941 4	0 11 7755 423	2218 7816 401	1303 7656 400	150 7505 356	1453 7640 396
MONT. 81	162 7501 4		173 7517 411	102 7702 422	20 8101 419	122 7768 422
IDAHO 82	948 7854 42		1054 7849 421	630 8046 429	69 8181 43 0	699 8059 429
ฟYO. 83 COLO. 84 N.MEX. 85	200 7369 40 182 8075 43		213 7328 397 190 8179 431	128 7280 400 117 7663 406	1 7210 319 13 7247 367 8 9269 493	1 7210 319 131 7279 400 125 7766 412
ARIZ. 86 UTAH 87 NEV. 88	64 7766 4 526 7725 39 114 9121 50	197 7648 377	67 7802 411 723 7704 388 114 9121 508	34 8087 410 290 7641 390 56 9603 522	7 8117 364 230 7797 3 88	41 8092 402 520 7710 389 56 9603 522
WASH. 91	1779 8593 41	6 1524 8445 441	3200 8690 474	1958 8626 473	763 8989 477	1821 8778 474
OREG. 92	2318 8706 41		3842 8603 462	1625 8821 476	1310 8732 451	2935 8781 465
CALIF. 93	385 9393 50		415 9366 506	222 9202 501	15 9890 520	237 9246 503
HAWAII 95 ALASKA 96						
U.S. AVG	44458 7906 4	6 11909 7866 403	56367 7898 413	28463 7869 414	6755 8050 412	35218 7904 414

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE, 1956-1957

BROWN SWISS

		1956 CALVING YEAR		1957 CALVING YEAR	:
STATE COOE	REGISTEREO NO. MILK FAT REC. LBS LBS		ALL NO. MILK FAT PEC. LBS L8S	REGISTERED NON-REGISTEREO NO. MILK FAT NO. MILK FAT REC. LBS LBS REC. LBS LBS	
MAINE 11 N.H. 12 VT. 13	25 10210 403 52 8381 344 153 10464 431	1 7660 301	26 10230 406 53 8368 344 170 10344 424	17 10864 475 41 8730 355 92 10538 438 25 10182 412	17 10864 475 41 8730 355 117 10462 432
MASS. 14 R.I. 15 CONN. 16	318 11047 463 4 9548 375 193 11313 464		337 11132 466 4 9548 375 209 11215 460	196 10957 464 5 9168 404 11 8979 365 162 11774 492 17 11295 445	11 8979 365
N.Y. 21 N.J. 22 PA. 23	1463 10168 417 388 10201 422 502 9929 408	18 10871 453	1656 10137 415 406 10231 423 581 9835 405	771 10198 419 74 10199 419 252 10617 440 16 10911 454 352 9891 407	
OHIO 31 INO. 32 ILL. 33	1290 10893 448 449 10933 452 1446 11456 469	10 12463 503	1319 10881 448 459 10967 453 1581 11409 466	920 11130 463 42 11284 475 257 11323 463 4 11663 457 1030 11078 456 143 10144 417	261 11329 463
MICH. 34 WIS. 35 MINN. 41	624 10633 424 1046 10377 419 788 10449 425	172 9605 380	630 10629 423 1218 10268 414 1131 10322 417	438 10628 421 309 11123 452 96 9894 400 415 10676 432 255 9615 385	
IOWA 42 MO. 43 N.OAK. 45	1525 11046 450 203 9701 400 93 9986 401	24 9323 410	1846 10934 445 227 9661 401 135 9921 401	902 10939 449 160 9823 401 153 9885 414 14 10389 444 92 10463 429 19 9764 405	167 9927 416
S.DAK. 46 ME8R. 47 KANS. 48	69 11907 500 135 10337 431 295 10601 445	5 9844 426	80 11884 496 140 10319 431 355 10685 450	62 11165 476 5 12422 446 78 10685 441 9 8117 325 181 9984 423 57 9645 400	67 10420 429
0EL. 50 MO. 51 VA. 52	11 11839 499 133 8915 373 74 10791 456	48 11399 482	20 11594 498 181 9574 402 88 10977 464	4 12975 558 2 8030 360 103 9994 410 28 11762 500 54 10514 443	131 10372 430
W.VA. 54 N.C. 55 S.C. 56	37 7918 327 8 10853 428 62 11959 473	9 10600 433	45 7843 323 17 10719 430 <i>3</i> 2 11784 468	31 9340 371 6 10117 399 22 9837 391 22 9471 390 45 10559 425 9 10146 425	9654 391
GA. 57 FLA. 58 KY. 61	8 9183 372 43 9308 368 100 8813 359	3 12113 526	24 9201 368 46 9491 378 104 8877 363	8 10433 422 7 10991 445 24 9273 363 1 7890 306 73 9574 391 2 9915 446	25 9218 360.
TENN. 63 ALA. 64 MISS. 65	2 13120 548 12 8840 347	8 7398 310	4 11935 530 8 7398 310 12 8840 347	2 12860 516 9 6278 249 14 6694 284 3 11220 437	2 12860 516 23 6531 270 3 11220 437
ARK. 71 LA. 72 OKLA. 73	8 8755 362 16 8796 339 47 10736 438		8 87 5 5 362 16 8 7 96 339 49 10744 438	3 12177 473 47 10800 432 1 11330 451	3 12177 473 48 10811 432
TEXAS 74 MONT. 81 IOAHO 82	61 10429 428 41 11772 478 54 10183 417		63 10375 426 41 11772 478 57 10128 417	77 10085 399 1 12380 494 63 11486 464 29 10375 430 6 9300 380	63 11486 464
WYO. 83 COLO. 84 N.MEX. 85	2 11855 522 156 10790 441 2 9585 382	3 8317 344	2 11855 522 159 10743 439 2 9585 382	4 8125 335 87 11225 459 2 _6630 248 7 8617 376	4 8125 335 89 11122 454 7 8617 376
ARIZ. 86 UTAH 87 NEV. 88	14 9351 378	6 13158 532	20 10494 424	45 9887 389 7 10271 415 6 9217 425	
WASH. 91 OREG. 92 CALIF. 93	107 11137 461 112 10800 454 70 12754 534	14 10070 450	131 11186 466 126 10719 453 71 12755 535	82 11683 474 17 11129 462 160 11056 470 19 11228 471 39 13187 551	
HAWAII 95					
U.S. AVG	12241 10656 436	1688 10226 416	13929 10604 434	8014 10763 443 1139 10013 409	9153 10670 433

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE, 1956-1957

MILKING SHORTHORN

		1956 CALVING YEAR			1957 CALVING YEAR	
STATE Code 1	REGISTEREO NO. MILK FAT REC. LBS LBS	NOM-REGISTERED No. MILK FAT REC. LBS L8S	ALL NO. MILK FAT REC. LBS LBS	REGISTERED No. MILK FAT REC. L85 L85	MON-REGISTEREO NO. MILK FAT REC. LBS LBS	ALL No. MILK FAT REC. L8S L8S
MAINE 11 N.H. 12 VT. 13	84 8133 314 38 8227 302 49 9245 352	9 8774 337 10 7035 279 8 8629 352	93 8195 316 48 7979 297 57 9158 352	45 8235 322 24 9428 362 28 9532 371	5 9790 370 8 8213 307 4 10550 421	50 8390 327 32 9124 349 32 9659 377
MASS. 14 R.I. 15 CONN. 16	13 8325 314 2 9980 354 44 7425 287	6 9153 386 17 8390 343	19 8587 336 2 9980 354 45 7447 289	11 8828 341 10 7498 297	4 7783 325 2 9360 375	15 8549 337 12 7308 310
N. Y. 21	143 8480 327	36 9035 360	179 8592 333	91 8204 313	5 8436 33 8	96 8216 314
N.J. 22 PA. 23	87 8446 326	10 8830 353	97 8485 329	103 8238 311		103 8238 311
OHIO 31 IMO. 32 ILL. 33	146 7909 301 111 8709 323 244 8395 319	8 6864 288 14 8030 319	154 7854 300 111 8709 323 258 8375 319	102 8191 302 69 9342 351 193 8022 308	4 9725 385 1 5610 210 9 9643 377	106 8249 30 6 70 9289 34 9 202 8094 31 1
MICH. 34 WIS. 35 MINN. 41	138 8021 301 161 7882 296 294 7940 306	1 13360 493 16 9345 354 94 8460 320	139 8059 303 177 8014 301 388 8066 309	95 8064 299 34 8707 332 167 8220 314	4 12180 432 47 9558 374	95 8064 299 38 9073 343 214 8514 327
IOWA 42 MO. 43 N.OAK. 45	405 8261 313 145 8264 334 82 8226 327	45 7790 307 19 9501 395 7 6417 229	450 8214 313 164 8407 341 89 8084 319	244 8387 320 81 8712 356 22 8119 325	18 7837 320 18 9666 405 1 8630 311	262 8349 32n 99 8885 365 23 8141 324
S.DAK. 46 NEBR. 47 KANS. 48	83 7669 300 285 7921 317	2 · 7455 278 20 7939 322	85 7664 300 305 7922 317	77 7242 286 165 7849 320	2 7465 309 10 9667 373	79 7248 287 175 7953 323
DEL. 50 MO. 51 VA. 52	94 8994 364 48 7774 311	8 10180 403 13 9840 391	102 9087 367 61 8214 328	73 8675 352 53 7794 320	4 10508 387 6 11097 478 5 10290 349	4 10508 387 79 8959 361 58 8009 323
W.VA. 54 N.C. 55 S.C. 56	40 6548 248	2 8165 329 3 9863 395	2 8165 329 43 6780 258	11 7489 275	2 7245 261 13 8808 382	2 7245 261 24 8203 333
GA. 57 FLA. 58		2 7550 340	2 7550 340		1 6090 256	1 6090 256
KY. 61		2 7990 340	2 7330 340		1 10330 368	1 10330 368
TENM. 63 ALA. 64 MISS. 65	2 6350 238 4 7255 280	1 8350 322	2 6350 238 5 7474 288		1 10210 446	1 10210 446
ARK. 71		1 6650 321	1 6650 321	6 8482 338		6 3482 338
LA. 72 OKLA. 73	47 8528 331	5 7562 332	52 8435 331	25 7370 289	1 12550 453	26 7569 295
TEXAS 74 MONT. 81 IOAHO 82	65 8060 313 30 7694 297 90 8451 318	3 8603 380 1 10110 444 6 8285 325	68 8084 316 31 7772 302 96 8441 318	26 7900 294 33 7601 284 68 9178 339	2 10115 403	26 8058 302 33 7601 284 68 9178 339
WYO. 83 COLO. 84 N.MEX. 85	49 7880 300	5 8803 328	54 7966 303	27 7796 292	1 6670 244	28 7755 291
ARIZ. 86 UTAH 87 NEV. 88	9 6382 236	2 11370 483 5 7102 265	2 11370 483 14 6639 246		1 15310 508 4 9180 419	1 15310 508 4 9180 419
WASH. 91 OREG. 92 CALIF. 93	63 9473 359 72 8665 323	64 10055 419 27 9121 374	127 9766 389 99 8790 337	32 9531 353 67 8758 320	32 9587 400 18 9951 437	64 9559 37 6 85 9011 344
HAWAII 95 ALASKA 96						
u.s. AVG	3167 8193 315	454 8747 348	3621 8262 319	1982 8287 319	234 9429 380	2216 8407 325

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE, 1956-1957

RED DANE

			1956 CAL	VING YEAR					1957 CAL	VING YEAR			
STATE Co	00E	REGISTERED NO. MILK FAT REC. LBS LBS	HO.	GISTERED MILK FAT LBS LBS	NO. REC.	ALL MILK - LBS	FAT LBS	REGISTERED No. MILK FAT REC. LBS LBS	HO.	GISTERED MILK FAT LBS LBS	NO. REC.	ALL MILK LBS	
N. H.	11 12 13								6	9305 402	6	9305	402
P. I.	14 15 16												
N.J.	21 22 23		1	11840 373	. t	11840	373						
IND.	31 32 33		9	9091 390	9	9091	390		4	9213 334	4	9213	334
MIS.	34 35 41		38 10 1	9547 374 8981 363 4520 196		9547 8981 4520	363		9 3	10754 427 9987 370	9 3	10754 993 7	
MO.	42 43 45								1	8600 321	1	3600	321
MEBP.	46 47 48								1	7910 310	1	7010	319
MO.	50 51 52												
N.C.	54 55 56												
FLA.	57 58 61												
ALA.	63 64 65												
LA.	71 72 73												
MONT.	74 81 82												
COLO.	83 84 85												
UTAH	86 87 88												
OREG.	91 92 93		1	14390 539	1	14390	539		4	10005 420	4	10005	420
HAWAII ALASKA			4	13168 524	4	13168	524						
U.S. AVG	G	7254 301	64	9654 384	6+	9654	384	8145 320	28	9856 393	28	9856	393

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE, 1956-1957

RED POLL

				1956 CAL	VING YEAR							1957 CAL	VING YEAR			
STATE (CODE	NO.	SISTERED MILK FAT LBS LBS	No.	GISTERED MILK FAT LBS LBS	NO. REC.	ALL MILK LBS		REG No. REC.	ISTERE MILK LBŞ	FAT	NON-RE NO. PEC.	GISTEPED MILK FAT LBS LBS	NO. REC.	ALL MILK LBS	
MAINE N.H. VT.	11 12 13															
MASS. R.I. CONN.	14 15 16															
N.Y. N.J. PA.	21 22 23															
OHIO IND. ILL.	31 32 33		10928 424 8016 330	10	10958 466		10928			10021 7436		3	10480 446		10021 8007	
MICH. WIS. MINN.	34 35 41		6489 263 7335 308	2	7285 282	15 34	6489 7332			9040 6948		6	8295 306	4 14	9040 7525	
IOWA MO.	42 43	36	7204 323			36	7204	323	17	7670	336			17	7670	336
M. DAK.	45	1.3	7041 316			13	7041	316	3	7950	321	1	6580 274	9	7798	316
S.DAK. MEBR. KAMS.	46 47 48			1	11230 462	1	11230	462								
DEL. MD. VA.	50 51 52			1	8500 286	1	8500	286								
W.VA. N.C. S.C.	54 55 56															
GA. FLA. KY.	57 58 61											4				
TENN. ALA. MISS.	63 64 65															
ARK. LÅ. OKLA.	71 72 73	1	8730 329			í	8730	329								
TEXAS MONT. IDAHO	74 81 82															
₩YO. COLO. M.MEX.	83 84 85															
ARIZ. UTAH NEV.	86 87 88															
WASH. OREG. CALIF.	91 92 93			4	8663 343	4	8663	343					-			
HAWAII ALASKA																
บ.ร. ค	VG	136	7663 323	18	9918 408	154	7926	333	67	8250	333	10	8779 345	77	8319	334

305-DAY STANDARDIZED LACTATION AVERAGES BY CALVING YEAR, BY STATE, BY BREED, BY CALVING MONTH, 1956

UNITED STATES

1956 CALVING YEAR

				AYRSHIR	E								GUERNSE	Y				
CALV. MONTH	REGI NUMBER	STERED MILK	FAT	NON-RE NUMBER	GISTERE MILK		NUMBER	ALL MILK	FAT	RE NUMBE	ISTERED MILK	FAT	NON-RE	GISTERI MILK		NUMBER	ALL MILK	FAT
JANUARY FEBRUARY MARCH	1532 1465 1466	9715 9697 9618	395 395 391	130 161 138	9170 9349 8912	372 377 359	1662 1626 1604	9672 9663 9557	393 393 388	585. 51.5 487	8651	413 415 406	2117 1877 1972	8343 8377 8306	391 390 390	7968 7029 6846	8545 8 57 8 8425	407 408 402
APRIL MAY JUNE	999 7 67 748	9514 9324 9003	389 379 367	98 72 83	8819 8399 8548	351 342 345	1097 839 831	9452 9245 8958	385 376 365	374 324 328	8386	408 403 391	1389 1121 1133	8303 8092 7841	389 380 371	5131 4369 4413	8428 8310 8033	403 397 386
JULY AUGUST SEPTEMBER	1200 1720 2196	8980 9021 9221	370 371 380	106 161 183	8505 8889 9138	344 362 379	1306 1881 23 7 9	8941 9009 9214	368 370 379	442 581 631	7916	385 387 397	1414 1952 2559	7838 7895 8083	373 376 389	5834 7767 8870	78 9 0 7911 8110	382 384 395
OCTOBER NOVEMBER DECEMBER	2218 1653 1283	9558 9775 9988	392 400 405	185 169 119	9161 9253 9169	370 373 370	2403 1822 1402	9527 9727 9919	390 398 402	663 609 504	8667	412 419 424	2573 2049 1558	8345 8475 8538	399 400 400	9206 8147 6607	8432 8619 8759	408 414 419
YEAR AVERAGE	E 17247	9468	387	1605	9010	365	18852	9429	385	6047	8394	406	21714	8224	389	82187	8349	401
					_													
CALV. MONTH		STERED			GISTERE			ALL			ISTERED		JERSE NON-RE	GISTER			ALL	71.0
JANUARY	NUMBER 15543	MILK 12695	FAT 460	NUMBER 11192		425	NUMBER 26735	MTLK 12304	445	NUMBE	8118	424	NUMBER 1185	7950	404	NUMBER 5637	MTLK 8083	420
FEBRUARY MARCH	12979 12339	12532 12422	454 450	9191 8840	11684 11512	422 417	22170 21179	12180 12042	440 436	390 375	8083	426 424	1043 1156	7898 7 937	400 403	4952 4913	8104 8049	421 419
APRIL MAY JUNE	8211 6635 7724	12428 12191 12081	452 441 4 3 9	6105 5068 5958	11499 11475 11280	418 416 412	14316 11703 13682	12032 11881 11732	437 430 427	269 212 207	. 78 85	424 414 406	787 640 534	8035 7802 7708	410 397 396	3479 2762 2609	8065 7866 7725	421 410 404
JULY AUGUST SEPTEMBER	11048 16390 19648	11924 12041 12311	435 440 450	7933 12373 16556	11178 11355 11744	410 415 427	18981 28763 35204	11612 11746 12052	425 429 440	293 430 502	7445	395 395 405	709 1159 1387	7602 7635 7634	394 397 395	3645 5459 6410	7525 7486 7633	395 395 403
OCTOBER NOVEMBER DECEMBER	19428 16116 12642	12625 12776 12905	461 465 468	16 3 74 12717 9692	11894 12022 12050	431 435 433	35802 28833 22334	12291 12443 12534	448 452 453	517 448 353	8100	418 426 433	1310 1134 865	7885 8062 8215	407 413 417	6481 5618 4402	7883 8093 8226	416 423 430
YEAR AVERAGE	158703	12443	453	121999	11675	424	280702	12109	440	կկկ 5	7906	416	11909	7866	403	56367	7898	413
CALV. MONTH		STERED			GISTERE			ALL			:ISTERED		m short	GISTERI			ALL	
	NUMBER	STERED MILK 10901	FAT				NUMBER	ALL MILK 10836		RE NUMBE 34	MILK	FAT	NON-RE NUMBER	GISTERI MILK		NUMBER	MILK	
JANUARY FEBRUARY MARCH	1073 923 1032	MTLK 10901 10677 10700	443 432 433	NON-RE NUMBER 168 146 145	GISTERE MILK 10425 9713 9857	FAT 417 392 401	1241 1069 1177	10836 10545 10596	439 427 429	NUMBE 34 27 33	8296 8340 8399	321 317 321	NON-RE NUMBER 63 49 54	GISTERI MILK 8792 8622 8600	341 347 335	NUMBER 403 324 392	8373 8383 8426	324 322 323
JANUARY FEBRUARY MARCH APRIL MAY JUNE	1073 923 1032 789 772 689	MILK 10901 10677 10700 10645 10410 10316	443 432 433 434 427 421	NON-RE NUMBER 168 146 145 102 89 76	01STERE MILK 10425 9713 9857 10403 9795 10198	FAT 417 392 401 423 392 423	1241 1069 1177 891 861 765	10836 10545 10596 10617 10346 10305	439 427 429 433 423 421	NUMBE 34 27 33 19 15	8296 8340 8399 8372 8207 7602	321 317 321 313 317 290	NON-RE NUMBER 63 49 54 38 30 23	8792 8622 8600 8717 8262 8483	341 347 335 349 331 335	NUMBER 403 324 392 228 182 177	8373 8383 8426 8429 8216 7716	324 322 323 319 319 296
JANUARY FEBRUARY MARCH APRIL MAY	1073 923 1032 789 772	MILK 10901 10677 10700 10645 10410	443 432 433 434 427	NON-RE NUMBER 168 146 145 102 89	GISTERE MILK 10425 9713 9857 10403 9795 10198 9998 10215 10433	#17 392 401 423 392	1241 1069 1177 891 861	MTLK 10836 10545 10596 10617 10346	439 427 429 433 423	NUMBE 34 27 33 19 15	8296 8340 8399 8372 8207 7602 8028	321 317 321 313 317	NON-RE NUMBER 63 49 54 38 30	8792 8622 8600 8717 8262	341 347 335 349 331	NUMBER 403 324 392 228 182	8373 8383 8426 8429 8216	324 322 323 319 319
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST	1073 923 1032 789 772 689 950 1180	MILK 10901 10677 10700 10645 10410 10316 10264 10100	443 432 433 434 427 421 423 417	NON-RE NUMBER 168 146 145 102 89 76	GISTERE MILK 10425 9713 9857 10403 9795 10198 9998 10215	417 392 401 423 392 423 406 423	1241 1069 1177 891 861 765 1055 1294	MTLK 10836 10545 10596 10617 10346 10305 10237 10110	439 427 429 433 423 421 421 421	NUMBE 34 27 33 19 15 15 21 25	8 8296 8 8340 8 8399 8 8372 8 8207 7602 8 8028 8 7920 8 8055 8 8157 8 8295	321 317 321 313 317 290 305 307	NON-RE NUMBER 63 49 54 38 30 23 21	8792 8622 8600 8717 8262 8483 8651 8922	341 347 335 349 331 335 361 356	NUMBER 403 324 392 228 182 177 236 296	8373 8383 8426 8429 8216 7716 8084 8045	324 322 323 319 319 296 310 313
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER COTOBER NOVEMBER	NUMBER 1073 923 1032 789 772 689 950 1180 1278 1282 1212 1061	MTI.K 10901 10677 10700 10645 10410 10316 10264 10100 10415 10619 11130	443 432 433 434 427 421 423 417 432 446 457	NON-RE NUMBER 168 146 145 102 89 76 105 114 195	GISTERE MILK 10425 9713 9857 10403 9795 10198 9998 10215 10433 10507 10493	417 392 401 423 392 423 406 423 427 428 429	1241 1069 1177 891 861 765 1055 1294 1473	MILK 10836 10545 10596 10617 10346 10305 10237 10110 10417 10776 11044	439 427 429 433 423 421 421 421 418 431	NUMBE 34 27 33 19 15 15 21 25 33 35	8296 8340 8399 8372 8207 7602 8005 805 8157 8295 8449	321 317 321 313 317 290 305 307 311 318 321	NON-RE NUMBER 63 49 54 38 30 23 21 37 39	8792 8622 8600 8717 8262 8483 8651 8922 8904 9433 8612	341 347 335 349 331 335 361 356 362 371 344	NUMBER 403 324 392 228 182 177 236 296 371 389 372	8373 8383 8426 8429 8216 7716 8084 8045 8100 8275 8320	324 322 323 319 319 296 310 313 316 323 323
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER	NUMBER 1073 923 1032 789 772 689 950 1180 1278 1282 1212 1061	MTIX 10901 10677 10700 10645 10410 10316 10264 10100 10415 10619 11130 11278	443 432 433 437 427 421 423 417 432 446 457 459	NON-RE NUMBER 168 146 145 102 89 76 105 114 195 206 188 154	GISTERE MILK 10425 9713 9857 10403 9795 10198 9998 10215 10433 10507 10493 10183	#17 392 401 423 392 423 406 423 427 428 429 415	NUMBER 1241 1069 1177 891 861 765 1055 1294 1473 1488 1400 1215	MTLK 10836 10545 10596 10617 10346 10305 10237 10110 10417 10776 11044 11139	439 427 429 433 423 421 421 418 431 453 454	NUMBE 34 27 33 19 15 15 21 25 33 35 34 21	8296 8340 8399 8372 8207 7602 8005 805 8157 8295 8449	321 317 321 313 317 290 305 307 311 318 321 327	NON-REE NUMBER 63 49 54 38 30 23 21 37 39 36 29 35	8792 8652 8600 8717 8262 8483 8651 8922 8904 9433 8612 8797	341 347 335 349 331 335 361 356 362 371 344 355	NUMBER 403 324 392 228 182 177 236 296 371 389 372 251	8373 8383 8426 8429 8216 7716 8084 8045 8100 8275 8320 8498	324 322 323 319 319 296 310 313 316 323 323 331
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER YEAR AVERAGE	NUMBER 1073 923 1032 789 7772 689 950 1180 1278 1282 1212 1061	MTIX 10901 10677 10700 10645 10410 10316 10264 10100 10415 10619 11130 11278	443 432 433 434 427 421 423 417 432 446 457 459 436	NON-RE NUMBER 146 145 102 89 76 105 114 195 206 188 154 1688 RED D	GISTERE MILK 10425 9713 9857 10403 9795 10198 9998 10215 10433 10507 10493 10183 10226 ANE GISTERE	FAT 417 392 401 423 392 423 406 423 427 428 429 415	NUMBER 1241 1069 1177 891 861 765 1294 1473 1488 1400 1215	MTLK 10836 10545 10596 10617 10346 10305 10237 10110 10417 10776 11044 11139	439 427 429 433 423 421 421 418 431 444 453 454 434	NUMBER 34 27 33 19 15 15 25 33 34 21	MILK 0 8296 6 8340 6 8399 8 8372 8 8207 7 7602 6 8028 6 7920 6 8005 8 8157 8 8295 6 8449	321 317 321 313 317 290 305 307 311 318 321 327	NON-RE NUMBER 63 49 54 38 30 23 21 37 39 36 29 35 454	GISTERN MILK 8792 8622 8600 8717 8262 8483 8651 8922 8904 9433 8612 8797 8747 LLL GISTERN	FAT 341 347 335 349 331 335 361 356 362 371 344 355 348	NUMBER 403 324 392 228 182 177 236 296 371 389 372 251 3621	8373 8383 8426 8429 8216 7716 8084 8045 8100 8275 8320 8498	324 322 323 319 319 296 310 313 316 323 323 331 319
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER YEAR AVERAGE	NUMBER 1073 923 1032 789 7772 689 950 1180 1278 1282 1212 1061	MILK 10901 10677 10700 10645 10410 10316 10264 10100 10415 10619 11130 11278 10656	443 432 433 434 427 421 423 417 432 446 457 459 436	NON-RE NUMBER 146 145 102 89 76 105 114 195 206 188 154 1688 RED D NON-RE NUMBER NUMBER 1500 1000 1000 1000 1000 1000 1000 100	GISTERE MILK 10425 9713 9857 10403 9795 10198 9998 10215 10433 10507 10493 10183 10226 ANE GISTERE	FAT 417 392 401 423 392 423 406 423 427 428 429 415	NUMBER 1241 1069 1177 891 861 765 1294 1473 1488 1400 1215 13929	MTLK 10836 10545 10596 10617 10346 10237 10110 10417 10776 11044 11139 10604	439 427 429 433 423 421 421 418 431 453 454 453 454	NUMBE 34 27 33 19 15 15 21 25 33 34 21	8 MILK 9 8296 8 8340 8 8399 9 8372 8 8207 7602 8 8005 8 8157 8 8295 8 8193 8 11STERED	321 317 321 313 317 290 305 307 311 318 321 327 315	NON-RE NUMBER 63 49 54 38 30 23 21 37 39 36 29 35 454 RED PO NON-RE NUMBER 2 2	GISTERN MILK 8792 8622 8600 8717 8262 8483 8651 8922 8904 9433 8612 8797 8747 LLL GISTERN	FAT 341 347 335 349 331 335 361 356 362 371 344 355 348	NUMBER 403 324 392 228 182 177 236 296 371 389 372 251 3621	8373 8383 8426 8429 8216 7716 8084 8045 8100 8275 8320 8498 8262	324 322 323 319 319 296 310 313 316 323 323 3331 319
JANUARY FEERUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECCMBER YEAR AVERAGE	NUMBER 1073 923 1032 789 7772 689 950 1180 1278 1282 1212 1061	MILK 10901 10677 10700 10645 10410 10316 10264 10100 10415 10619 11130 11278 10656	443 432 433 434 427 421 423 417 432 446 457 459 436	NON-RE NUMBER 146 145 102 89 76 105 114 195 206 188 154 1688 RED D NON-RE NUMBER 10 8	CISTERE MILK MILK 10425 9713 9857 10403 9795 10198 9998 10215 10493 10183 10226 ANNE GISTERE MILK 10014 10036	FAT 417 392 401 423 392 423 426 423 427 428 429 415 416 FAT 399 395	NUMBER 1241 1069 1177 891 861 765 1294 1473 1488 1400 1215 13929 NUMBER 10 8	MTLK 10836 10545 10596 10617 10346 10305 10237 10110 10417 10776 11044 11139 10604 ALL MILK 10114 10086	439 427 429 433 423 421 418 431 444 453 454 434 FAT 399 395	NUMBER 34 27 33 19 15 15 21 25 33 35 34 21 316	8 8296 8340 8399 8372 8207 7602 8005 8005 8049 8193 8193 8193 8193 8193 8193 8193 819	321 317 321 313 317 290 305 307 311 318 321 327 315	NON-RE NUMBER 63 49 54 38 30 23 21 37 39 36 29 35 454 RED PO NON-RE NUMBER 2 2	CISTER! MILK 8792 8622 8660 8717 8262 8483 8651 8922 8904 8747 8747	FAT 341 347 335 349 331 335 361 356 362 371 344 355 348	NUMBER 403 324 392 228 182 177 236 371 389 372 251 3621	MII.K 8373 8383 8426 8429 8216 7716 8084 8045 8100 8275 8320 8498 8262 ALL MII.K 7929 8459	324 322 323 319 319 296 310 313 316 323 323 331 319 FAT 330 330
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER YEAR AVERAGE GALV. MONTH N JANUARY FEBRUARY MARCH APRIL MAY	NUMBER 1073 923 1032 789 7772 689 950 1180 1278 1282 1212 1061	MILK 10901 10677 10700 10645 10410 10316 10264 10100 10415 10619 11130 11278 10656	443 432 433 434 427 421 423 417 432 446 457 459 436	NON-RE NUMBER 168 146 145 102 89 76 105 114 195 206 188 154 1688 RED II NON-RE NUMBER 10 8 9 1 1 3	CISTERE MILK 10425 9713 9857 10403 9795 10196 10215 10433 10507 10493 10506 10183 10526 ANNE GISTERE MILK 10184 10184 10493 10493 10506 8134	#17 392 401 423 392 406 423 427 428 429 415 416 DFAT 399 395 339 322	NUMBER 1241 1069 1177 891 861 765 1294 1473 1488 1400 1215 13929 NUMBER 10 8 9	MTLK: 10836 10545 10596 10596 10596 10596 10596 10617 10346 10305 10617 10776 11004 11139 10604 10114 10036 8134 14390 9037	439 427 429 433 423 421 421 418 431 454 453 454 453 453 453 453 453 539 395 319	34 27 33 19 15 15 21 25 33 34 21 316	MILK 8 8296 8 8340 8 8392 8 8372 8 8207 7602 8 808 7 7200 8 805 8 8449 7 8193 8 8157 8 8295 8 8449 7 8193 8 8193	321 317 321 313 317 290 305 307 311 321 327 315	NON-RE NUMBER 63 49 54 38 30 23 21 7 39 36 29 35 454 RED PO NON-RE NUMBER 2 2 7 7	615TERIN MILK 8792 8622 8622 8622 8483 86512 8924 8747 8747 8747 8747 8747 8747 8747 87	341 347 335 331 335 361 362 371 344 355 348 20 FAT 435 436 460	NUMBER 403 324 392 228 182 177 236 296 371 389 372 251 3621 NUMBER 17 19 16 8 5	8373 8383 8426 8429 8216 7716 8084 8045 8045 8100 8275 8320 8498 8262	324 322 323 319 296 310 313 313 323 331 319 FAT 330 354 371 316 292
JANUARY FEBRUARY MARCH APRIL MAY JUNE AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER YEAR AVERAGE GALV. MONTH I JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST	NUMBER 1073 923 1032 789 7772 689 950 1180 1278 1282 1212 1061	MILK 10901 10677 10700 10645 10410 10316 10264 10100 10415 10619 11130 11278 10656	443 432 433 434 427 421 423 417 432 446 457 459 436	NON-RE NUMBER 168 146 145 102 89 76 105 114 195 206 188 154 1688 RED D NON-RE NUMBER 10 8 9 1 3 5 5	CISTERIE MILK 10425 9713 9857 10403 9795 10196 9998 10103 1026 ANE GISTERIE MILK 10114 10114 10114 10114 10114 10114 10119 9937 10096	FAT 417 392 401 423 392 423 406 423 427 428 429 415 416 D FAT 399 3392 412 392	NUMBER 1241 1069 1177 891 861 765 1294 1473 1488 1400 1215 13929 NUMBER 10 8 9 1 3 5	MILK 10836 10545 10596 10617 10346 10305 10237 10110 10417 10776 11044 11139 10604 ALL MILK 10114 6134 14390 9037 10098	439 427 429 433 421 421 418 431 453 454 434 434 FAT 399 322 412 392	NUMBER 34-27 33 319 15 15 21 25 33 34 21 316 RE NUMBER 1 1	8296 8340 8399 8372 8207 7602 8005 8449 7800 8406 6342 8935 7264 8935 7264 8935 7264 8935 7264 8935 7264 8935 7264 8935 7264 8935 7264 8935 7264 8935 7264 8935 7264 8935 7264 8935 7264 8935 7266 8	321 317 321 313 317 290 305 307 311 318 321 327 315 FAT 316 291 371 316 293 364 322	NON-RE NUMBER 63 49 54 38 30 23 21 37 39 36 29 35 454 RED PO NON-RE NUMBER 2 2 7 1	CISTERII MILK 8792 8622 8600 8717 8262 8483 8612 8797 8747 LL GISTERI MILK 10170 10630 11077	FAT 341 347 335 349 331 335 361 362 371 344 355 348 CD FAT 435 432 460 279 366 286	NUMBER 403 324 392 228 182 177 236 296 371 389 372 251 3621 NUMBER 17 19 16 8 5 5	8373 8383 8383 8426 8429 8216 7716 8084 8045 8100 8275 8320 8498 8262	324 322 323 319 296 310 313 316 323 323 331 319 FAT 330 330 335 34 371 316 292

